PAT-NO:

JP02002363239A

DOCUMENT-IDENTIFIER: JP 2002363239 A

TITLE:

POLYURETHANE PREPOLYMER BASED ON MDI OF LOW

**MONOMERIC** 

**MDI CONTENT** 

**PUBN-DATE**:

December 18, 2002

**INVENTOR-INFORMATION:** 

**NAME** 

COUNTRY

SMITH, ANDREA K

N/A

GODDARD, RICHARD JOSEPH

PAULSEN, EVELYN JENNIFER LIN

N/A N/A 09/833,278

INT-CL (IPC): C08G018/10, C08G018/48, C08G018/76, C09J109/00, C09J175/06, C09J175/08

## ABSTRACT:

PROBLEM TO BE SOLVED: To obtain a polyurethane prepolymer based on MDI (4,4'- diphenylmethane diisocyanate) of low monomeric MDI content.

SOLUTION: This polyurethane prepolymer is characterized in being an MDI/polypropylene polyether prepolymer composition which comprises essentially ≥80 wt.% of a **perfect prepolymer** and <2 wt.% of a free MDI monomer, is suitable to the use as a polyurethane adhesive composition, and optionally, contains a curing agent for the above isocyanate group.

COPYRIGHT: (C)2003,JPO

----- KWIC -----

Abstract Text - FPAR (2):

SOLUTION: This polyurethane prepolymer is characterized in being an MDI/polypropylene polyether prepolymer composition which comprises essentially

≥80 wt.% of a **perfect prepolymer** and <2 wt.% of a free MDI monomer, is suitable to the use as a polyurethane adhesive composition, and optionally, contains a curing agent for the above isocyanate group.